

特許協力条約に基づいて公開された国際出願



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(21) 国際出願番号 PCT/JP95/02320 (22) 国際出願日 1995年11月14日(14.11.95) (30) 優先権データ 特願平6/279533 1994年11月14日(14.11.94) JP 特願平7/258986 1995年10月5日(05.10.95) JP (71) 出願人 (米国を除くすべての指定国について) 住友化学工業株式会社 (SUMITOMO CHEMICAL COMPANY, LIMITED)(JP/JP) 〒541 大阪府大阪市中央区北浜四丁目5番33号 Osaka, (JP) (72) 発明者: および (75) 発明者/出願人 (米国についてのみ) 鈴木雅也(SUZUKI, Masaya)(JP/JP) 永富利雄(NAGATOMI, Toshio)(JP/JP) 〒665 兵庫県宝塚市売布2-14-7 Hyogo, (JP) 坂本典保(SAKAMOTO, Noriyasu)(JP/JP) 〒561 大阪府豊中市曾根東町2-10-2-232 Osaka, (JP) 梅田公利(UMEDA, Kimitoshi)(JP/JP) 〒665 兵庫県宝塚市安倉中4丁目6-8 Hyogo, (JP) 対馬和礼(TSUSHIMA, Kazumori)(JP/JP) 〒669-13 兵庫県三田市弥生が丘6丁目2番地1-201 Hyogo, (JP)		(74) 代理人 弁理士 青山 稔, 外(AOYAMA, Tamotsu et al.) 〒540 大阪府大阪市中央区城見1丁目3番7号 IMPビル 青山特許事務所 Osaka, (JP) (81) 指定国 AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, 欧州特許(AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI特許(BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO特許(KE, LS, MW, SD, SZ, UG). 添付公開書類 国際調査報告書
(54) Title : DIHALOPROPENE COMPOUNDS, USE THEREOF, AND INTERMEDIATES FOR PRODUCTION THEREOF (54) 発明の名称 ジハロプロペン化合物、その用途およびその製造中間体 (57) Abstract A dihalopropene compound represented by the following general formula and exhibiting excellent insecticidal and miticidal effects: $R^1-Z-Y-OCH_2CH-CX_2$ wherein R^1 represents C_1-C_{10} alkyl etc.; Z represents oxygen etc.; Y represents a naphthalene residue to which Z and O are bonded at the 1- and 5-positions, respectively, etc.; and X represents chloro etc.		

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Title :

New 3-(substd. naphthyl or tetralinyl)oxy-1,1-di:halo-propene derivs. - with insecticidal and miticidal activity, useful as pesticides

Derwent Classes :

C02 C03

Patent Assignee :

(SUMO) SUMITOMO CHEM CO LTD

Inventor(s) :

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Nbr of Patents :

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IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

DSRW: AT BE CH DE DK ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD
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C07C-069/92 C07C-217/74 C07C-217/94 C07C-233/67 C07C-323/17 C07C-323/18
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C07D-213/74

Abstract :

WO9615093 A

Dihalopropenol derivatives of formula R1-Z-Y-OCH2CH=CXX' (I) are new. R1 = 5-6C cycloalkenyl, 4-9C cycloalkenyl, 6-8C cycloalkenylalkyl (all opt. substd. by 1-4C alkyl), 1-10C alkyl, 1-5C haloalkyl, 2-10C alkenyl, 2-6C haloalkenyl, 3-9C alkynyl, 3-5C haloalkynyl, 2-7C alkoxyalkyl, 2-7C alkylthioalkyl, 3-6C cycloalkyl (opt. substd. by

1-4C alkyl, 1-3C alkoxy or 1-3C haloalkyl), A, CHR₄-(C(R₂)(R₃))_i-A' or a gp. of formula (a); A' = A, B-A, B(C(R₅)(R₆))_j-A, C(R₇)=C(R₈)-j-A, C(R₇)=C(R₈)-(C(R₅)(R₆))_j-B-A, OCOC(R₇)=C(R₈)-A, OCO(C(R₅)(R₆))_j-B-A; A = phenyl, naphthyl, or heterocyclyl (all opt. substd.); B = O, S(O)_n, NR₁₁, -CO-G- or -G-CO-; G = O or NR₁₅; Z = O, S or NR₁₂; Y = a gp. of formula (b) - (f), and the gp. on the left is opt. 2-bonded to Z; Ring C = benzene (opt. substd. by up to 3 gps. R) or tetrahydrobenzene; X, X' = Cl or Br; R₁₁, R₁₂, R₁₅ = H or 1-3C alkyl; R₂-R₆ = H, 1-3C alkyl or CF₃; R₇, R₈ = H, 1-3C alkyl, CF₃ or halo; R' = halo, 1-4C alkyl, 1-3C haloalkyl, 1-3C alkoxy or 1-3C haloalkoxy; R'' = H, Me or halo; R = halo, 1-4C alkyl, 1-3C haloalkyl, 2-4 C alkenyl or 2-4C haloalkenyl; p = 0-3; n = 0-2; i = 0-6; j = 1-6; k = 0-4; l = 1 or 2; m = 0-2.

Also claimed are intermediates of formula H-Z-Y'-OCH₂CH=CXX' (II). Y' = (b)-(e) with ring C = opt. substd. benzene.

USE - Compounds (I) are insecticides and miticides. They are active against mite pests of plants and animals, and a wide range of insects, including lepidoptera, hemiptera, hymenoptera, coleoptera, siphonaptera, isoptera, diptera and orthoptera, including Agrothis, Heliothis and Epilachna spp. (I) can be used in bait, in fumigants, insect attractants, aerosols, and formulations for application to the soil or water, including emulsions, granules and powders.

Applicn. rate is 0.1-100g/10a (Dwg.0/0)

Manual Codes :

CPI: C07-D04C C10-B03A C10-E04B C14-B04A C14-B04B

Update Basic :

1996-26

Update Equivalents :

1996-37; 1998-06